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BY: 
Suzanne Shadley

Docket No. 2005-012R

PATENT RECEIVED
CENTRAL FAX CENTER**SEP 27 2005**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Smith et al.

Serial No.: 09/772,229

Filed: 01/29/01

For: Systems, Methods and Computer
Program Products for Determining
Parameters for Chemical Synthesis and
for Supplying the Reagents, Equipment
and/or Chemicals Synthesized Thereby

Confirmation No. 9684

Group Art Unit: 2162

Examiner: To, Baoquoc N.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CHANGE OF DOCKET NUMBER

Sir:

Please change the docket number for the above identified application to: 2005-012R.

Enclosed is an Amended Application Data Sheet with the new docket number.

Respectfully submitted,



Timothy A. Porter
Reg. No. 41,258
Attorney for Applicant

Date: 9/27/05

Symyx Technologies
3100 Central Expressway
Santa Clara, California 95051
Tel.: (408) 764-2000 Fax: (408) 773-4029

PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0851-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	09/772,229
Filing Date	01/29/01
First Named Inventor	Smith et al.
Title	Systems, Methods and Computer Program...
Art Unit	2171
Examiner Name	To, Baoquoc N.
Attorney Docket Number	2005-012R

I hereby appoint:

☒ Practitioners associated with the Customer Number:

22905

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☒ The address associated with Customer Number:

22905

OR

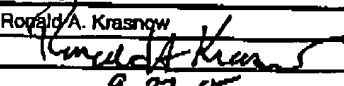
<input type="checkbox"/> Firm or Individual Name				
Address				
Address				
City		State		Zip
Country				
Telephone		Fax		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	Ronald A. Krasnow		
Signature			
Date	9-27-05	Telephone	(408) 773-4024

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/96 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)**RECEIVED
CENTRAL FAX CENTER****SEP 27 2005**Applicant/Patent Owner: Smith et al.Application No./Patent No.: 10/395,713Filed/Issue Date: 03/24/03Entitled: Systems, Methods and Computer Program Products for Determining Parameters for Chemical SynthesisSymyx Technologies, Inc.a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: Smith et al. To: Synthematix, Inc.The document was recorded in the United States Patent and Trademark Office at
Reel 011491, Frame 0300, or for which a copy thereof is attached.2. From: Synthematix, Inc. To: Symyx Technologies, Inc.The document was recorded in the United States Patent and Trademark Office at
Reel 016550, Frame 0317, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.06]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

9-27-05

Date

(408) 773-4024

Telephone number

Ronald A. Krasnow

Typed or printed name

Ronald A. Krasnow

Signature

Senior Vice President, Intellectual Property

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent and Trademark Office
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OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MSB

APRIL 18, 2001

PTAS

MYERS BIGEL SIBLEY & SAJOVEC
MITCHELL S. BIGEL
P.O. BOX 37428
RALEIGH, NC 27627



101608009A

04-23-01 A01:46 IN

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/29/2001

REEL/FRAME: 011491/0300
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SMITH, ROBIN YOUNG

DOC DATE: 01/25/2001

ASSIGNOR:

BALLARD, WILLIAM BRIAN

DOC DATE: 01/25/2001

ASSIGNOR:

COLEMAN, DAVID ALBERT

DOC DATE: 01/26/2001

ASSIGNEE:

SYNTHEMATIX, INC.

900 PERIMETER PARK DRIVE

SUITE G

MORRISVILLE, NORTH CAROLINA 27560

SERIAL NUMBER: 09772229

PATENT NUMBER:

FILING DATE: 01/29/2001
ISSUE DATE:

DOCKETED
By: <u>AB</u>
Date: <u>4/24/01</u>

011491/0300 PAGE 2

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

To the Honorable Commissioner of Patent

Please record the attached original documents or copy thereof.

101608009

January 29, 2001

Attorney Dkt. 9258-2

1. Name of conveying party(ies):

Robin Young Smith
William Brian Ballard
David Albert Coleman

2. Name and address of receiving party(ies):

Synthematrix, Inc.
900 Perimeter Park Drive
Suite G
Morrisville, North Carolina 27560JC972 U.S. PTO
09/772229
01/29/01Additional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ OtherExecution Date: January 25, 2001; January 25, 2001; January 26, 2001Additional name(s) & address(es) attached? Yes ☒ No

09/772229

4. Application Serial No. _____ Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: January 25, 2001; January 25, 2001; January 26, 2001Additional numbers attached? Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Mitchell S. Bigel
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 276276. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00
☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0220

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mitchell S. Bigel Reg. No. 29,614
Name of Person Signing
Signature1/29/01
DateTotal number of pages including cover sheet, attachments and document: 5

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Attorney Docket No. 9258-2

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Robin Young Smith**, citizen of the United States of America, residing at 3525 Boren Court, Raleigh, Wake County, North Carolina 27616; **William Brian Ballard**, citizen of the United States of America, residing at 400 Mahone Street, Apt. #9, Durham, Durham County, North Carolina 27713; and **David Albert Coleman**, citizen of the United States of America, residing at 329 Niagara Avenue, San Francisco, San Francisco County, California 94112

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING PARAMETERS FOR CHEMICAL SYNTHESIS AND FOR SUPPLYING THE REAGENTS, EQUIPMENT AND/OR CHEMICALS SYNTHESIZED THEREBY for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, Synthematix, Inc., a corporation having a principal place of business at 900 Perimeter Park Drive, Suite G, Morrisville, Wake County, North Carolina 27560, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the

priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 25th day of January, 2000.

 (SEAL)
Robin Young Smith

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF WAKE)

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 25th day of January, 2000.


Notary Public

SEAL

My Commission Expires: May 17, 2003

Page 2 of 4

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 25th day
of January, 2000.

William B. Ballard (SEAL)
William Brian Ballard

STATE OF NORTH CAROLINA)
COUNTY OF WAKE) ss:
)

Before me personally appeared the person described in and who executed the
foregoing instrument, and he acknowledged to me that he executed the same for the purposes
therein stated, this 25th day of January, 2000.

Dianna Rendal
Notary Public

SEAL

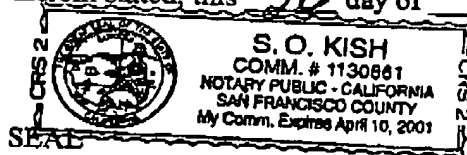
My Commission Expires: May 17, 2003

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 26th day of January, 2001.

David Albert Coleman (SEAL)
David Albert Coleman

STATE OF California)
COUNTY OF San Francisco) ss:

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 26th day of Jan, 2001.



S. O. Kish
Notary Public

My Commission Expires: 4-10-01



Facsimile Transmission

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From: Name: USPTO ASSIGNMENT DIVISION
Fax Number:
Voice Phone: 703-308-9723

To: Name: TIMOTHY A. PORTER
Company: SYMYX TECHNOLOGIES, INC.
Fax Number: 14087734029
Voice Phone:

Fax Notes:

Pg#	Description
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1	Cover Page
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2	153.TXT
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4	Document 1, Batch 500140
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Date and time of transmission: Monday, September 19, 2005 10:43:26 AM
Number of pages including this cover sheet: 04

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**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE***700196984A***~~*700196984A*~~

SEPTEMBER 19, 2005

PTAS

TIMOTHY A. PORTER
SYMYX TECHNOLOGIES, INC.
LEGAL DEPARTMENT
3100 CENTRAL EXPRESSWAY
SANTA CLARA, CA 95051UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENTTHE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
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CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/21/2005

REEL/FRAME: 016550/0317
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SYNTHEMATIX, INC.

DOC DATE: 07/21/2005

ASSIGNEE:

SYMYX TECHNOLOGIES, INC.
3100 CENTRAL EXPRESSWAY
LEGAL DEPARTMENT
SANTA CLARA, CALIFORNIA 95051SERIAL NUMBER: 09772229
PATENT NUMBER:FILING DATE: 01/29/2001
ISSUE DATE:

SEP-27-2005 14:05

SYMYX TECHNOLOGIES INC

+1 408 773 4029 P.41

PARAMETERS FOR MICAL SYNTHESIS AND FOR SUPPLYING THE REAGENTS,
EQUIPMENT AND/OR CHEMICALS SYNTHESIZED THEREBY

016550/0317 PAGE 2

SERIAL NUMBER: 10059818

FILING DATE: 01/29/2002

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING
PARAMETERS FOR CHEMICAL SYNTHESIS AND FOR SUPPLYING THE REAGENTS,
EQUIPMENT AND/OR CHEMICALS SYNTHESIZED THEREBY

SERIAL NUMBER: 10395713

FILING DATE: 03/24/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING
PARAMETERS FOR CHEMICAL SYNTHESIS


DOROTHY RILEY, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

01/21/2005
700196984


Attorney's Docket No. 2005-012CIP1
PATENT

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SEP 27 2005

Form PTO-1585 (Rev. 8-83) OMB No. 0551-0071 (exp. 4/98)		US DEPARTMENT OF COMMERCE Patent and Trademark Office	
RECORDATION FORM COVER SHEET PATENTS ONLY			
To the Honorable Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies) Synthamatrix, Inc. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Other <input type="checkbox"/> Change of Name			
Execution Date: July 21, 2005 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 09/772,229 filed 1/29/01 10/059,818 filed 1/29/01 10/383,713 filed 3/24/03 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Attorney's Name: Timothy A. Porter Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 120.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-0498 (Attached duplicate copy of this page if paying by deposit account)	
9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Timothy A. Porter Reg. No. 41258 (Name of Person Signing)  7/21/05 Signature Date Total number of pages being submitted, including cover sheet, attachment(s), and document(s) are: 3			
Mail documents to be recorded with required cover sheet information to: Mail Stop Assignments Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450			

Attorn Docket No. 2005-012CIP1
PATENT

Form PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		US DEPARTMENT OF COMMERCE Patent and Trademark Office	
RECORDATION FORM COVER SHEET			
PATENTS ONLY			
To the Honorable Assistant Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies) Synthematrix, Inc. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Other <input type="checkbox"/> Change of Name			
Execution Date: July 21, 2005			
Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 09/772,229 filed 1/29/01 10/059,818 filed 1/29/01 10/395,713 filed 3/24/03 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Attorney's Name: Timothy A. Porter Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):.....\$ 120.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-0496 (Attached duplicate copy of this page if paying by deposit account)	
9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Timothy A. Porter Reg. No. 41,258 (Name of Person Signing) Signature:  Date: 7/21/05 Total number of pages being submitted, including cover sheet, attachment(s), and document(s) are: 3			
Mail documents to be recorded with required cover sheet information to: Mail Stop Assignments Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450			

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SEP 27 2005

ASSIGNMENT OF PATENT APPLICATIONS

WHEREAS, Synthematix, Inc., a corporation organized under the laws of the State of Delaware, located at Durham, North Carolina, hereinafter referred to as "Assignor," is the owner of the inventions described and set forth in the below identified applications for United States Letter Patent:

Title of Invention: Systems, Methods and Computer Program Products for Determining Parameters For Chemical Synthesis and for Supplying the Reagents, Equipment and/or Chemicals Synthesized Thereby

Filing Date: January 29, 2001, Application No.: 09/772,229; and

Title of Invention: Systems, Methods and Computer Program Products for Determining Parameters For Chemical Synthesis and for Supplying the Reagents, Equipment and/or Chemicals Synthesized Thereby

Filing Date: January 29, 2002, Application No.: 10/059,818; and

Title of Invention: Systems, Methods and Computer Program Products for Determining Parameters for Chemical Synthesis

Filing Date: March 24, 2003, Application No.: 10/395,713; and

WHEREAS, Symyx Technologies, Inc., a corporation organized under the laws of the State of Delaware, located at Santa Clara, California, hereinafter referred to as "Assignee," is desirous of acquiring Assignor's interest in the inventions and applications and in any Letters Patent and Registrations which may be granted on the same;

NOW THEREFORE, in view of the mutual covenants exchanged herein, and for good and valuable consideration, receipt and sufficiency of which is hereby acknowledged by the parties, the parties agree that:

1. ASSIGNMENT. Assignor hereby assigns to Assignee all right, title and interest in and to the inventions and applications, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and the right to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof. Without limiting the generality of the foregoing, Assignor further assigns to Assignee all rights, title and interest to sue and recover for past infringements by any third parties of any such Letters Patent and Registrations.

2. DUTY OF CONTINUING ASSISTANCE. Assignor further agrees that it shall, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of

U.S. Patent applications and foreign counterparts on the inventions and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the inventions and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

3. **EXPENSE AND MAINTENANCE.** Assignee shall bear the burden and expense of any recordation of this Agreement or other documents evidencing this transaction and assignment. Assignee shall also bear the burden and expense of prosecuting and maintaining the applications, and of filing, prosecuting and maintaining any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof, and of maintaining any Letters Patent and Registrations which may hereafter be granted on the same.
4. **WAIVER.** Any waiver by either party of a breach of any term or condition of this Agreement shall not be considered as a waiver of any subsequent breach of the same or any other term or condition.
5. **SEVERABILITY.** If any provision of this Agreement is declared void or unenforceable by any judicial or administrative authority, this will not in and of itself nullify the remaining provisions of this Agreement.
6. **INTEGRATION.** The parties further agree that the preambles and whereas clauses recited above are incorporated within and are part of the terms and conditions of this Agreement.
7. **APPLICABLE LAW.** This Agreement shall be construed in accordance with and governed by the laws of the State of California without references to its principles of conflict of laws.
8. **COMPLETE AGREEMENT.** This Agreement constitutes the entire agreement between the parties. It may not be changed, amended, or appended to without a writing signed by the parties. All prior negotiations and undertakings are merged and fully integrated herein. There are no oral understandings to the contrary.

SYNTHEMATIX, INC.

By:



Paul J. Nowak
Secretary

Date:

7/21/05

SYMYX TECHNOLOGIES, INC.

By:


Jerry L. Hilleman
Executive Vice President and
Chief Financial Officer

Date:

7-20-05